



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
			Application Number	09/726,136	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Filing Date	November 29, 2000	
			First Named Inventor	Armstrong	
			Art Unit	2631	
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	46506/43

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
[Signature]		US- 3,750,167	07-31-1973	Herlich et al.	RECEIVED  NOV 18 2002  Technology Center 2600
		US- 4,799,259	01-17-1989	Ogrodski	
		US- 4,800,590	01-24-1989	Vaughn	
		US- 4,956,864	09-11-1990	Brockman	
		US- 5,119,099	06-02-1992	Haruyama et al.	
		US- 5,455,575	10-03-1995	Schuermann	
		US- 5,521,602	05-28-1996	Bond et al.	
		US- 5,706,218	01-06-1998	Hoffman	
		US- 5,809,142	09-15-1998	Hurta et al.	
		US- 5,963,104	10-05-1999	Buer	
		US- 5,995,048	11-30-1999	Smithgall et al.	
		US- 6,130,602	10-10-2000	Deveraux et al.	
		US- 6,321,982	11-27-2001	Gaultier	
		US-			
		US-			
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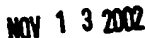
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
[Signature]		DE 196 52 324 A	06-25-1998	Siemens AG		
		EP 0 777 194 A	06-04-1997	Raimbault		
		EP 0 946 074 A	09-29-1999	Lucent Technologies		
		EP 0 751 646 A	01-02-1997	Canon KK		
		EP 0 951 154 A	10-20-1999	Lucent Technologies		
		EP 0 944 016 A1	09-22-1999	ST Microelectronics		
		GB 2 073 550 A	10-14-1981	Standard Telephones C		
		GB 2 305 074 A	03-26-1997	ID Systems, Ltd.		
		JP 09 044614 A	02-14-1997	Yamatake Honeywell		
		WO 96 34501 A	10-31-1996	American Personal Cor		

Examiner Signature	[Signature]	Date Considered	3-20-05
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				Art Unit	2631
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Sheet	2	of	2	Attorney Docket Number	46506/43

[illegible]

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 00 11592 A	03-02-2000	Keri Systems		
		WO 94 05131 A	03-03-1994	Utics Corp.		
		WO 96 13955 A	05-09-1996	Airnet Communications		
		WO 01 41043 A	06-07-2001	Gemplus Tag Australia		
		WO 01 33769 A	05-10-2001	Broadcom Corp.		

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Sheet 1 of 2

**Complete if Known**

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<b>Filing Date</b>	November 29, 2000
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		Number- Kind Code <sup>2</sup> (if known)			
EJC		US- 5,030,807	07/09/1991	Landt et al.	
		US- 5,053,774	10/01/1991	Schuermann et al.	
		US- 5,239,167	08/24/1993	Kipp	
		US- 5,247,699	09/21/1993	Hartmann	
		US- 5,519,381	05/21/1996	Marsh et al.	
		US- 5,530,702	06/25/1996	Palmer et al.	
		US- 5,539,775	07/23/1996	Tuttle et al.	
		US- 5,550,547	08/27/1996	Chan et al.	
		US- 5,559,828	08/24/1996	Armstrong et al.	
		US- 5,604,486	02/18/1997	Lauro et al.	
		US- 5,640,683	06/17/1997	Evans et al.	
		US- 5,649,295	07/15/1997	MacLellan et al.	
		US- 5,649,296	07/17/1995	MacLellan et al.	
		US- 5,726,630	03/10/1998	Marsh et al.	
		US- 5,784,686	07/21/1998	Wu et al.	
		US- 5,825,806	10/20/1998	Tuttle et al.	
		US- 5,828,693	10/27/1998	Mays et al.	
		US- 5,940,006	08/17/1999	MacLellan et al.	
EJC		US- 5,952,922	04/14/1999	Shober	
		US- 5,974,078	10/26/1999	Tuttle et al.	

## FOREIGN PATENT DOCUMENTS

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*Ed O'Brien*

Date  
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Sheet 2 of 2

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Art Unit	2631
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Examiner Name

Attorney Docket Number 46506/43

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Ernest Welch

Date  
Considered

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